

D. 2  
12/30/87

## EXECUTIVE SUMMARY

The Highland Park Landfill, located near the intersection of Route 22 (Half-Day Road) and Route 41 began operation, according to local residents, in the 1930's, ceasing operation in 1970.

The site occupies approximately 80 acres in the west 1/2, SW 1/4, SW 1/4, Section 15 and the NW 1/4, NW 1/4, Section 22 and the N 1/2, SE 1/4, NW 1/4, Section 22, Township 43 North-Range 12 East in Lake County, Illinois.

This closed and covered landfill was officially owned and operated from 1960 to 1970, by the City of Highland Park. An operating permit was issued in 1963 by the Lake County Public Health Department, however, there is no record of an operating permit being issued by the Illinois EPA. The IEPA was involved with placing a cap on the landfill in 1976 and conducting site inspections prior to this activity.

According to Health Department records and conversations with Department officials the landfill received municipal waste from Highland Park and surrounding communities, also demolition and construction wastes. Treated sludge from North Shore Sanitary District had also been disposed of at the site at an approximate rate of 20,000-25,000 gallons per day for an undetermined length of time. Inspections by IEPA concluded that there were no problems, other than some small leachate seeps which have been taken care of, and gave the landfill a "clean bill of health". The Health Department conducted inspections throughout the active period of the landfill, with no problems ever indicated other than the above mentioned seeps. Stream sampling had taken place in the East Skokie Drainage Ditch, which borders the landfill on the east, but no contaminants were ever detected. Industrial refuse was indicated to be an accepted waste taken by the landfill, however none has been documented in any file as being disposed of.

Although no problems are evident and there is no indication that hazardous waste is present or was disposed of at this site, a site inspection is recommended due to the future plans for development of the area into home sites or sites for condominium construction.

A medium priority is suggested.

KC:mg/l2

cc: Division File  
Maywood Region

EPA Region 5 Records Ctr.



328206

5E0301  
AC102 Med  
1-12-88  
JRM

| EPA 0970500001   |  |   |                                | POTENTIAL HAZARDOUS WASTE SITE<br>PRELIMINARY ASSESSMENT<br>PART 1 - SITE INFORMATION AND ASSESSMENT   |  |                              |                           | I. IDENTIFICATION |  |
|--|--|---|--------------------------------|--|--|------------------------------|---------------------------|-------------------|--|
|  |  |   |                                | 01 STATE   | 02 SITE NUMBER                               |                              |                           |                   |  |
| 01 SITE NAME (Legal, common, or descriptive name of site)<br><b>HIGHLAND PARK LANDFILL</b>   |  |   |                                | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER<br><b>S.E. CORNER OF ROUTES 41 AND 22</b>  |  |                              |                           |                   |  |
| 03 CITY<br><b>HIGHLAND PARK</b>  |  | 04 STATE<br><b>IL</b>                             | 05 ZIP CODE<br><b>60035</b>    | 06 COUNTY<br><b>LAKE</b>   |  | 07 COUNTY CODE<br><b>097</b> | 08 CONG DIST<br><b>10</b> |                   |  |
| 09 COORDINATES LATITUDE<br><b>42 11 47.0</b>   |  | LONGITUDE<br><b>087 49 45.0</b>                   |                                | HIGHLAND PARK (7.5 MIN.) QUAD.   |  |                              |                           |                   |  |
| 10 DIRECTIONS TO SITE (Starting from nearest public road)<br><b>I-94 NORTH TO ROUTE 22 (HALF DAY RD./PRAIRIE AVE), EAST ON RT. 22<br/>3 MILES TO SITE. SOUTH OF ROAD JUST EAST OF RT. 41 (SKOKIE HWY).</b>   |  |   |                                |  |  |                              |                           |                   |  |
| III. RESPONSIBLE PARTIES   |  |   |                                |  |  |                              |                           |                   |  |
| 01 OWNER (If known) <b>NORTH PORTION - CITY OF HIGHLAND PARK</b><br><b>SOUTH PORTION - HIGHLAND PARK COUNTRY CLUB</b>  |  |   |                                | 02 STREET (Business, mailing, residential) <b>1707 ST. JOHNS AVE.</b><br><b>1201 PARK AVE. WEST</b>  |  |                              |                           |                   |  |
| 03 CITY<br><b>HIGHLAND PARK</b>  |  | 04 STATE<br><b>IL</b>                             | 05 ZIP CODE<br><b>60035</b>    | 06 TELEPHONE NUMBER<br><b>312 432-0800</b><br><b>312 433-4000</b>  |  |                              |                           |                   |  |
| 07 OPERATOR (If known and different from owner)<br><b>SAME</b>   |  |   |                                | 08 STREET (Business, mailing, residential)   |  |                              |                           |                   |  |
| 09 CITY  |  | 10 STATE  | 11 ZIP CODE                    | 12 TELEPHONE NUMBER  |  |                              |                           |                   |  |
| 13 TYPE OF OWNERSHIP (Check one)<br><input checked="" type="checkbox"/> A. PRIVATE (SOUTH) <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input checked="" type="checkbox"/> E. MUNICIPAL (NORTH)<br><input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN  |  |   |                                |  |  |                              |                           |                   |  |
| 14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)<br><input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE  |  |   |                                |  |  |                              |                           |                   |  |
| IV. CHARACTERIZATION OF POTENTIAL HAZARD   |  |   |                                |  |  |                              |                           |                   |  |
| 01 ON SITE INSPECTION<br><input checked="" type="checkbox"/> YES DATE <b>12 13 71</b> MONTH DAY YEAR<br><input type="checkbox"/> NO <b>76</b>  |  |   |                                | BY (Check all that apply)<br><input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR<br><input checked="" type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)<br><b>(EARLY 1960s - 6/87)</b><br>CONTRACTOR NAME(S): _____ |  |                              |                           |                   |  |
| 02 SITE STATUS (Check one)<br><input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN   |  |   |                                | 03 YEARS OF OPERATION<br><b>1930's</b> <b>1976</b><br>BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN  |  |                              |                           |                   |  |
| 04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED<br><b>ORGANICS (PERSISTENT/TOXIC)</b> <b>SLUDGE (TOXIC/PERSISTENT)</b><br><b>INORGANICS (TOXIC/PERSISTENT)</b><br><b>HEAVY METALS (TOXIC/PERSISTENT)</b>  |  |   |                                |  |  |                              |                           |                   |  |
| 05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION<br><b>GROUNDWATER (POPULATION/ENVIRONMENT)</b><br><b>SURFACE WATER (POPULATION/ENVIRONMENT)</b>  |  |   |                                |  |  |                              |                           |                   |  |
| V. PRIORITY ASSESSMENT   |  |   |                                |  |  |                              |                           |                   |  |
| 01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)<br><input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)<br><b>Program</b><br><b>Support Section</b> |  |   |                                |  |  |                              |                           |                   |  |
| VI. INFORMATION AVAILABLE FROM   |  |   |                                |  |  |                              |                           |                   |  |
| 01 CONTACT<br><b>KENNETH W. COXKILL</b>  |  | 02 OF (Agency/Organization)<br><b>IEPA - RPMS</b> |                                |  | 03 TELEPHONE NUMBER<br><b>217 782-6761</b>   |                              |                           |                   |  |
| 04 PERSON RESPONSIBLE FOR ASSESSMENT<br><b>KENNETH W. COXKILL</b>  |  | 05 AGENCY<br><b>IEPA</b>                          | 06 ORGANIZATION<br><b>RPMS</b> | 07 TELEPHONE NUMBER<br><b>217 782-6761</b>   | 08 DATE<br><b>12 30 87</b><br>MONTH DAY YEAR |                              |                           |                   |  |

[illegible]



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

140 981795479

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES 51,000 to  
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 55,000

04 NARRATIVE DESCRIPTION

DONE DETECTED - LAKE CO. PUBLIC HEALTH DEPT. INSPECTIONS REVEALED  
NO LEACHATE OR STANDING LIQUIDS OR RUNOFF MOST OF THE TIME  
HOWEVER, THERE HAVE BEEN MINOR LEACHATE SEEPS ON OCCASION.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

NORTH SHORE SANITARY DISTRICT IN 1974 CONSTRUCTED A SEWER ACROSS  
A PORTION OF THE LANDFILL (SOUTHERN REGION). POTENTIAL FOR CONTAM.  
EXISTS IF A BREAK OR CRACK OCCURS.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 51,000 - 55,000

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA - LANDFILES  
LAKE CO. PUBLIC HEALTH DEPARTMENT



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
140 981795-479

II. HAZARDOUS CONDITIONS AND INCIDENTS

|   |  |  |
|---|--|--|
| 01 <input checked="" type="checkbox"/> A. GROUNDWATER CONTAMINATION<br>03 POPULATION POTENTIALLY AFFECTED: <u>51,000</u>      | 02 <input type="checkbox"/> OBSERVED (DATE: _____)<br>04 NARRATIVE DESCRIPTION<br><u>CONTAMINATION OF GROUNDWATER COULD RESULT IF THERE HAD BEEN OR IS A RELEASE OF THE SUBJECT MATERIALS TO THE SOIL &amp; GROUNDWATER. GEOLOGY OF THE AREA CONSISTS GENERALLY OF LESS THAN 4 FEET OF LOESS OVER GLACIAL DRIFT (WISCONSINAN), MOSTLY CALCAREOUS TILL.</u>   | <input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED |
| 01 <input checked="" type="checkbox"/> B. SURFACE WATER CONTAMINATION<br>03 POPULATION POTENTIALLY AFFECTED: <u>0-55,000</u>  | 02 <input type="checkbox"/> OBSERVED (DATE: _____)<br>04 NARRATIVE DESCRIPTION<br><u>THE SITE IS BORDERED ON THE EAST BY THE EAST SKOKIE DRAINAGE DITCH, THE WEST SKOKIE DRAINAGE DITCH IS ABOUT 1/4 MI. TO THE WEST AND LAKE MICHIGAN IS 2 MILES TO THE EAST. CONTAMINATION COULD ENTER THE HIGHLAND PARK AQUEDUCT AT THIS POINT, HOWEVER, IT IS IN ABOUT 20 FT OF WATER &amp; CONTAMINATION IS UNLIKELY.</u> | <input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED |
| 01 <input type="checkbox"/> C. CONTAMINATION OF AIR<br>03 POPULATION POTENTIALLY AFFECTED: _____                              | 02 <input type="checkbox"/> OBSERVED (DATE: _____)<br>04 NARRATIVE DESCRIPTION   | <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED            |
| 01 <input type="checkbox"/> D. FIRE/EXPLOSIVE CONDITIONS<br>03 POPULATION POTENTIALLY AFFECTED: _____                         | 02 <input type="checkbox"/> OBSERVED (DATE: _____)<br>04 NARRATIVE DESCRIPTION   | <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED            |
| 01 <input type="checkbox"/> E. DIRECT CONTACT<br>03 POPULATION POTENTIALLY AFFECTED: _____                                    | 02 <input type="checkbox"/> OBSERVED (DATE: _____)<br>04 NARRATIVE DESCRIPTION   | <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED            |
| 01 <input checked="" type="checkbox"/> F. CONTAMINATION OF SOIL<br>03 AREA POTENTIALLY AFFECTED: <u>80</u><br>(Acres)         | 02 <input type="checkbox"/> OBSERVED (DATE: _____)<br>04 NARRATIVE DESCRIPTION<br><u>THE SITE OCCUPIED ABOUT 80 ACRES WHICH HAS THE POTENTIAL TO BE CONTAMINATED. HOWEVER, NO HAZARDOUS WASTES WERE TO HAVE BEEN DISPOSED OF ON SITE OTHER THAN SANITARY DISTRICT SLUDGE WHICH WAS TREATED PRIOR TO DISPOSAL.</u>  | <input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED |
| 01 <input checked="" type="checkbox"/> G. DRINKING WATER CONTAMINATION<br>03 POPULATION POTENTIALLY AFFECTED: <u>0-55,000</u> | 02 <input type="checkbox"/> OBSERVED (DATE: _____)<br>04 NARRATIVE DESCRIPTION<br><u>DRINKING WATER IS OBTAINED FROM LAKE MICHIGAN FOR THE CITY OF HIGHLAND PARK. OTHER COMMUNITIES IN LAKE CO. NOT ON LAKE MICHIGAN WATER ARE ON PRIVATE WELLS FINISHED TO DEPTHS OF BETWEEN 300 FT. - 2000 FT. ALSO SEE "B" ABOVE.</u>   | <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED            |
| 01 <input type="checkbox"/> H. WORKER EXPOSURE/INJURY<br>03 WORKERS POTENTIALLY AFFECTED: _____                               | 02 <input type="checkbox"/> OBSERVED (DATE: _____)<br>04 NARRATIVE DESCRIPTION   | <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED            |
| 01 <input type="checkbox"/> I. POPULATION EXPOSURE/INJURY<br>03 POPULATION POTENTIALLY AFFECTED: _____                        | 02 <input type="checkbox"/> OBSERVED (DATE: _____)<br>04 NARRATIVE DESCRIPTION   | <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED            |